

**Saxon Math Course 3 – Student Edition**

Hardbound textbook. Saxon Math's integrated and distributed instructional plan helps all students achieve mastery of the standards by building in time to learn, time to process, and time to practice.

This program correlates to the KY State Standards (Combined Curriculum Document). A copy of this correlation is available on request and can be found on our website at [www.saxonmath.com](http://www.saxonmath.com).

Contract Price

\$56.20

Grade

8

TYPE

P1

Copyright

2007

Author

Stephen Hake

Edition

1st

Content

8th Grade Mathematics

Readability

8.2 (Dale-Chall)

Accessibility

Nimas

Research

<http://saxonpublishers.harcourtachieve.com/HA/Resources/ResourceCenter/RCHome.aspx>

## Teacher Edition

9781600320774	\$91.55
Saxon Math Course 3 – Teacher's Manual	

## Essential Items

## Ancillary Items

9781591418290	\$306.80
Saxon Math – Course 1-3 Manipulative Kit	
9781600321696	\$286.00
Saxon Math – Course 1-3 Adaptations Manipulatives Kit	
9781591418184	\$29.15
Saxon Math – Course 1-3 Instructional Posters	
9781591419211	\$27.05
Saxon Math Course 3 – Adaptations Student Workbook	
9781602773172	\$135.00
Saxon Math Course 3 – Adaptations Teacher Binder Set	
9781591419235	\$6.25
Saxon Math Course 3 – Power Up Workbook	
9781600320675	\$7.30
Saxon Math Course 3 – Written Practice Workbook	

## Free with Purchase items

9781591418986	Saxon Math Course 3 - Adaptations For Saxon Math Classroom	\$33.30
For every twenty (20) Course 3 student editions purchased, one Course 3 Adaptations for Saxon Math		
9781591419051	Saxon Math Course 3 - Instructional Transparencies	\$20.80
For every twenty (20) Course 3 student editions purchased, the school will receive, upon request, one		
9781591419105	Saxon Math Course 3 - Course Assessments	\$49.95
For every twenty (20) Course 3 student editions purchased, the school will receive, upon request, one		
9781591419143	Saxon Math Course 3 - Reteaching Masters	\$14.60
For every twenty (20) Course 3 student editions purchased, the school will receive, upon request, one		
9781591419167	Saxon Math Course 3 - Solutions Manual	\$26.00
For every twenty (20) Course 3 student editions purchased, the school will receive, upon request, one		
9781591419174	Saxon Math Course 3 - Instructional Masters	\$49.95
For every twenty (20) Course 3 student editions purchased, the school will receive, upon request, one		
9781591419792	Saxon Math Course 3 - Graphing Calculator Activities	\$14.60
For every twenty (20) Course 3 Graphing Calculator Activities purchased, purchased, the school will		
9781600320613	Saxon Math Course 3 - Algebra Appendix Assessments And Solutions	\$14.60
For every twenty (20) Course 3 Algebra Appendix Assessments and Solutions purchased, purchased, the		
9781600320781	Saxon Math Course 3 - Teacher Technology Package	\$182.00
For every twenty (20) Course 3 student editions purchased, the school will receive, upon request, one		
9781602773554	Saxon Math Course 3 - Instructional Presentations CD	\$91.55
For every twenty (20) Course 3 student editions purchased, the school will receive one free Instructional		
9781602774629	Saxon Math Course 3 - Test and Practice Generator CD - Examview	\$239.25
For every twenty (20) Course 3 student editions purchased, the school will receive one free Test and		

Evaluation Tool for Basal Instructional Materials  
Mathematics (2009 – 2015)

Provided by the Publisher	ISBN 9781591418849		Publisher - Saxon, an imprint of HMH Supplemental Publishers Inc.		Provided by the Publisher
	Saxon Math Course 3 – Student Edition				
	Type - P1	Author - Stephen Hake			
	Copyright - 2007	Edition - 1st	Readability - 8.2 (Dale-Chall)		
	Course - 8th Grade Mathematics		Grade(s) - 8		
	Teacher Edition ISBN if applicable ..... 9781600320774				

**Overall Recommendation:**

**Recommended as BASAL**

**Overall Strengths, Weaknesses, Comments:**

if this box is not checked, the evaluators have  
chosen NOT recommend as basal

The teacher's edition of this textbook series references the e-Book student version as though it is interactive, however, it is not. This textbook series is a scripted program that recommends students to complete a specific problem set within each section daily with no modification. In the ancillary materials, the only accommodation for special education students is a workbook with the problems preprinted. However, they are the same quantity and quality as the problems in the student edition.

NIMAC Accessibility N  
Ancillary Yes  
Free with Purchase Yes  
Research Yes

<http://saxonpublishers.harcourtachieve.com/HA/Resources/ResourceCenter/RCHome.aspx>

Hardbound textbook. Saxon Math's integrated and distributed instructional plan helps all students achieve mastery of the standards by building in time to learn, time to process, and time to practice.

**CRITERIA**

This basal resource ...

**A. Encompasses KY Content Standards & Grade Level Expectations Strong Evidence**

Text is designed to be used in an elective course outside the Program of Studies

**1) Includes the 5 Big Ideas of mathematics to the following extent:**

- |  |                 |
|--|-----------------|
| <b>a) Number Properties and Operations</b> | Strong Evidence |
| <b>b) Measurement</b>                      | Strong Evidence |
| <b>c) Geometry</b>                         | Strong Evidence |
| <b>d) Data Analysis and Probability</b>    | Strong Evidence |
| <b>e) Algebraic Thinking</b>               | Strong Evidence |

**2) Addresses content-specific enduring understandings from the related Program of Studies standards.**

Moderate Evidence

<b>3) Addresses content-specific skills and concepts from the related Program of Studies standards.</b>	Strong Evidence
<b>4) Content addressed is current, relevant and non-trivial</b>	Strong Evidence
<b>5) Provides opportunities for critical thinking/reasoning</b>	Moderate Evidence
<b>6) Strengths, Weaknesses, Comments:</b> <ul style="list-style-type: none"> <li>Specific strengths-which areas/concepts are covered exceptionally well?</li> <li>Specific weaknesses-which areas/concepts would likely require supplementing?</li> </ul> <p>Overall, the Saxon series well represents the basic skills/concepts required by Kentucky's Program of Studies. It focuses on the basic skills and makes real-world connections within the examples. However, it does not include the real-world connections in the individual problem sets or extend the students' thinking beyond the basic/knowledge level with opportunities for further development/critical thinking/reasoning, etc. It is very skill based.</p>	

<b>B. Functionality &amp; Suitability</b>	<b>Moderate Evidence</b>
<b>1) Suitability</b>	<b>Strong Evidence</b>
<ul style="list-style-type: none"> <li>Should be suitable for use with a diverse population and is free of bias regarding race, age, ethnicity, gender, religion, social and/or geographic environment; is free of stereotyping or bias of any kind.</li> </ul>	
<b>2) Content quality</b>	<b>Strong Evidence</b>
<ul style="list-style-type: none"> <li>Free from factual errors</li> <li>Content is presented conceptually when possible—more than a mere collection of facts</li> <li>Content included accurately represents the knowledge base of the discipline</li> <li>Theories/scientific models contained represent a broad consensus of the scientific community</li> <li>Interconnections among mathematical topics</li> </ul>	
<b>3) Connections to Literacy</b>	<b>Moderate Evidence</b>
<ul style="list-style-type: none"> <li>Employs a variety of reading levels and is grade/level appropriate</li> <li>Use of multiple representations-concrete, visual/spatial, graphs, charts, etc.</li> <li>Provides opportunities for summarizing, reviewing, and reinforcing vocabulary skills and concepts at multiple levels of difficulty for a variety of learning styles.</li> <li>Student text provides opportunity to integrate reading and writing</li> <li>Uses vocabulary that is age and content appropriate</li> <li>Focuses on critical vocabulary vs. extensive lists</li> <li>Identifies key vocabulary through definitions in both text and glossary</li> <li>The text is engaging and facilitates learning</li> <li>Embedded activities enhance the understanding of the text</li> </ul> <p><i>Note: may apply to either student or teacher editions</i></p>	
<b>4) Connections to Technology</b>	<b>Little or No Evidence</b>
<ul style="list-style-type: none"> <li>Integrates technology and reflects the impact of technological advances</li> <li>Uses technology in the collection and/or manipulation of authentic data</li> </ul>	

- Embeds web links as a mathematics resource.

## 5) Support for Diverse Learners

Little or No Evidence

- Provides support for ESL students
- Provides support for differentiation of instruction in diverse classrooms
- Challenge for gifted and talented students
- Support for students with learning difficulties

*Note: may apply to either student or teacher editions*

## 6) Strengths, Weaknesses, Comments:

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

While this textbook series does a nice job with spiral review (Written Practice/Strengthening Concepts), it does not provide very much practice on each skill before moving on to a new concept.

Depending on how it is bid, the electronic version of this text is available. Other technology is noticed occasionally with the use of a graphing calculator.

The student and teacher editions offer no differentiated instructional strategies; however, not in the essential components, there are numerous resources for the special education student.

There is not a variety of reading levels present and the illustrations, graphics, etc. are lacking, thus making it not always appealing and/or interesting for students.

## C. Supports Inquiry and Skill Development

Moderate Evidence

### 1) Promotes Inquiry, research and Application of Learning

Moderate Evidence

- Provides opportunities for inquiry and research that includes activities such as gathering information, researching resources, observing, interviewing, and evaluating information, analyzing and synthesizing data and communicating findings and conclusions, formulating authentic questions to deepen and extend mathematical reasoning.
- Requires students to use higher-level cognitive skills (analysis, synthesis, evaluation, generalizing, justifying, etc.)
- Provides activities and projects for students to deepen their knowledge and cultivate and strengthen problem-solving and decision-making skills.
- Provides opportunities for application of learned concepts.
- Uses a variety of relevant charts, graphs, diagrams, number lines, and other illustrations to invite and motivate students to engage in discussion, problem solving, and other high-order thinking skills.
- Emphasizes conceptual understandings that invite students to predict, conclude, evaluate, develop and extend ideas to support reasoning.

*Note: may apply to either teacher or student edition*

### 2) Skill Development

Moderate Evidence

- Provides opportunities to make sense of all mathematics
- Provides opportunities to recognize, create, and extend patterns.
- Provides opportunities for critical thinking and reasoning.
- Provides opportunities to justify/prove responses.
- Provides opportunities to ask deeper questions.

- Contains embedded activities (or extensions) that emphasize use of technology for problem solving

*Note: may apply to either teacher or student edition*

### 3) Strengths, Weaknesses, Comments:

Though Saxon calls some of the lessons “Investigations”, when viewed these lessons are merely a traditional lesson (introduction of key concepts/vocabulary, examples/work shown, solutions, and more problems/practice for the student). These “Investigations” do not promote individual discovery. The “Investigations” are more of a controlled lab than a discovery type lesson. The textbook makes connection to real-world through the examples, but not in the individual problem sets. Technology is not an emphasis throughout the text.

## D. Supports Best Practices of Teaching and Learning

Moderate Evidence

### 1) Engages Students

Moderate Evidence

- Includes content geared to the needs, interests, and abilities of all students
- Engages and motivates students using components such as real-life situations, simulations, experiments, and data gathering.
- Includes information and activities that assist students in seeing relevance of concepts (where appropriate) to their own lives and experiences
- Provides a variety of strategies, activities, and materials to enhance student learning at the appropriate learning levels
- Activities are truly congruent to the concepts addressed, not merely correlated

*Note: may apply to either teacher or student edition*

### 2) Uses Assessment to Inform Instruction

Little or No Evidence

- Includes multiple means of assessment as an integral part of instruction
- Provides evaluation measures in the teacher edition that supports differentiated learning activities
- Embedded assessments reflect a variety of Depth of Knowledge levels

*Note: may apply to either teacher or student edition*

### 3) Strengths, Weaknesses, Comments:

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards

The essential components do not meet the needs of all the students. The ancillary materials would be required to assist in this area. The special education modifications are simply the same problems expected of other students, but they are written for them already. The textbook emphasizes completion ALL problems in a set.

The only assessment viewed is that in the problem sets. Additional assessment resources are part of the ancillary materials.

## E. Has an Organization/ Format that Supports Learning and Teaching

Moderate Evidence

### 1) Organizational Quality

Moderate Evidence

- Print and/or electronic materials present minimal barriers to learners, but also add encouragement

for students to stretch and make further explorations.

- Presents chapters/lessons in an organized and logical sequence
- Provides clearly stated objectives for each lesson.
- Uses text features (e.g., titles, headings, subheadings, review questions, goals, objectives, space, print, type size, color) to enhance readability.
- Makes use of various forms of media (e.g., CD's, recordings, videos, cassette tapes, computer software, web-based components, interactive software, calculators, physical and virtual manipulatives) as either student or teacher resources
- Includes clear, accurate, appropriate and clearly explained illustrations and/or graphics that reinforce content standards.
- Incorporates a glossary, footnotes, recordings, pictures, and/or tests that aid pupils and teachers in using the book effectively
- Uses grade-appropriate type size
- Included media are durable, easy to use and have technical merit
- Construction appears to be durable and able to withstand normal use

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**2) Essential Components (beyond student and teacher text)**

Moderate Evidence

- Items identified as essential components support the learning goals and concept coverage of the basal

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**3) Strengths, Weaknesses, Comments:**

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

This textbook series has a logical sequence and incorporates a strong, spiral review regularly in each lesson. However, various forms of media are lacking as well as illustrations and graphics that reinforce content standards.

Depending on how it is bid, the e-Book student edition is available, but is not interactive.

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**F. Has available Ancillary/ Gratis Materials**

*Note: The decision whether to recommend or not recommend this resource as a basal should not be influenced by Section F*

**Strong Evidence**

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**1) Ancillary/Gratis Materials**

- Coordinates teacher resources easily with student material (e.g., accompaniments included, student pages shown, instructional technology indicated).
- Are well-organized and easy to use
- Provide substantive learning opportunities and are congruent with student learning goals
- Provide opportunities for high-level thinking, assessment, and/or problem solving
- Provides opportunities for intervention.

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**2) Strengths, Weaknesses, Comments:**

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

Provided as part of the ancillary materials are the resources for the adaptation of the text for students with special needs. Workbooks, assessment tools and teacher software are available.

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